

### Abstract of the Disclosure

- Methods, data structures, and systems are provided to validate a message. A client receives a message in a first encrypted format. The message is decrypted and transferred to a remote server before being accessed by the client. In one embodiment, the client encrypts the message in a second encrypted format before transferring the message to the remote server. The remote server scans and validates the message and sends a result of the scan to the client. The client removes the message if the result indicates the remote server did not validate the message.
- Moreover, the client accesses or otherwise consumes the message if the result indicates the message was validated by the remote server.

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